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C12orf30 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10270C

Specification

C12orf30 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q14CX7
Other Accession	NP_079229.2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**112292**
Antigen Region	**720-748**

C12orf30 Antibody (Center) - Additional Information

Gene ID 80018

Other Names
N-alpha-acetyltransferase 25, NatB auxiliary subunit, Mitochondrial distribution and morphology protein 20, N-terminal acetyltransferase B complex subunit MDM20, NatB complex subunit MDM20, N-terminal acetyltransferase B complex subunit NAA25, p120, NAA25, C12orf30, MDM20, NAP1

Target/Specificity
This C12orf30 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 720-748 amino acids from the Central region of human C12orf30.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
C12orf30 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

C12orf30 Antibody (Center) - Protein Information

Name NAA25

Synonyms C12orf30, MDM20, NAP1

Function Non-catalytic subunit of the NatB complex which catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Asp, Met-Glu, Met-Asn and Met-Gln. May play a role in normal cell-cycle progression.

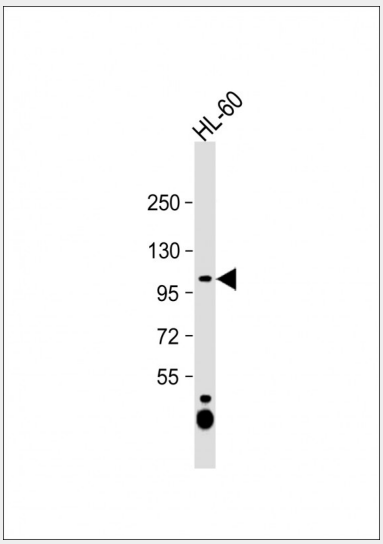
Cellular Location
Cytoplasm.

C12orf30 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

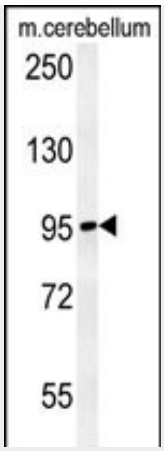
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C12orf30 Antibody (Center) - Images



Anti-C12orf30 Antibody (Center) at 1:1000 dilution + HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 112 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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C12orf30 Antibody (Center) (Cat. #AP10270c) western blot analysis in mouse cerebellum tissue lysates (15ug/lane).This demonstrates the C12orf30 antibody detected C12orf30 protein (arrow).

C12orf30 Antibody (Center) - Background

This gene encodes the auxiliary subunit of the heteromeric N-terminal acetyltransferase B complex. This complex acetylates methionine residues that are followed by acidic or asparagine residues.

C12orf30 Antibody (Center) - References

Feng, T., et al. Hum. Genet. 128(3):269-280(2010)
Pierce, B.L., et al. Hum. Hered. 69(3):193-201(2010)
Douroudis, K., et al. BMC Med. Genet. 11, 11 (2010) :
Prahalad, S., et al. Arthritis Rheum. 60(7):2124-2130(2009)
Polevoda, B., et al. BMC Proc 3 SUPPL 6, S2 (2009) :

C12orf30 Antibody (Center) - Citations

- pTSara-NatB, an improved N-terminal acetylation system for recombinant protein expression in E. coli.